51. The rearview system of claim 50 wherein said indicia responds to the direction of turn of the vehicle.

52. The rearview system of claim 50 wherein said indicia responds to at least one of the vehicle's steering system, the vehicle's differential system and a compass.

53. The rearview system of claim 50 wherein said graphic overlayer is not superimposed on said rearward image when the gear actuator of the vehicle does not select a reverse gear.

54. The rearview system of claim 50 wherein said indicia comprise markings that provide indication of distance behind the vehicle.

55. The rearview system of claim 50 wherein said indicia comprise markings superimposed at intervals on said rearward image corresponding to the boundaries of the lane in which the vehicle is reversing.

56. The rearview system of claim 55 wherein said graphic overlayer is responsive to a signal indicative of the rate of turn of the vehicle.

57. The rearview system of claim 50 wherein said graphic overlayer is responsive to a signal indicative of the rate of turn of the vehicle.

58. The rearview system of claim 50 wherein said graphic overlayer comprises markings that move laterally on said rearward image, with reduced separation, to correspond to positions of a curved lane boundary and vertically on said rearward image to compensate for the difference between distances along a straight and curved path.

59. The rearview system of claim 50 wherein said rearview vision system includes a distance-sensing system.

60. The rearview system of claim 59 wherein said distance-sensing system is selected from the group consisting of a radar, an ultrasonic sensing, and an infrared detection distance-measuring system.

61. The rearview system of claim 50 wherein said image capture device has a field of view which is symmetrical about the longitudinal axis of the vehicle.

62. The rearview system of claim 50 wherein said image capture device comprises a pixilated imaging array.

63. The rearview system of claim 62 wherein said pixilated array comprises a CMOS imaging array.

64. The rearview system of claim 50 wherein said graphic overlayer has a form that is a function of at least one of the direction of travel and speed of the vehicle.

65. The rearview system of claim 64 wherein said indicia comprises at least one mark superimposed on said rearward image.

66. The rearview system of claim 50 wherein said rear vision system includes a monitoring device for monitoring vehicle turning.

67. The rearview system of claim 66 wherein said monitoring device comprises one of a monitor of movement of the vehicle's steering system, a monitor of an output of an electronic compass and a monitor of the vehicle's differential drive system.

68. The rearview system of claim 50 wherein said display system comprises one of a flat panel display and a cathode ray tube.

69. The rearview system of claim 50 wherein said display system comprises a flat panel display.

21 20
70. The rearview system of claim 69 wherein said flat panel display comprises one of a liquid crystal display, a plasma display and a field emission display.

22 20
71. The rearview system of claim 69 wherein said flat panel display comprises a liquid crystal display.

23 1
72. The rearview system of claim 50 wherein said display system is positioned within the field of view of the driver without obstructing the view through the windshield.

24 1
73. The rearview system of claim 50 wherein said display system is mounted to one of the dashboard, facia, header and windshield of the vehicle.

25 1
74. The rearview system of claim 50 wherein said display system is mounted at a position conventionally occupied by an interior rearview mirror.

26 1
75. The rearview system of claim 50 wherein said display system comprises a display of one of a projected and a virtual image.

27 1
76. The rearview system of claim 50 wherein said display system comprises a heads-up display.

28 1
77. The rearview system of claim 50 wherein said indicia comprises at least one mark superimposed on said rearward image.

29 28
78. The rearview system of claim 77 wherein said at least one mark superimposed on said rearward image comprises a plurality of marks superimposed on said rearward image at rearward intervals.

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79. The rearview system of claim 78 wherein said plurality of marks superimposed on said rearward image are positioned to correspond to boundaries of the lane in which the vehicle is traveling.

80. The rearview system of claim 78 wherein said plurality of marks are moved laterally to correspond to positions of curved lane boundaries when the vehicle is turning.

81. A rearview vision system for a vehicle having a gear actuator, comprising:

an image capture device mounted at the rear of the vehicle and having a field of view directed rearwardly of the vehicle;

a display system viewable by a driver of the vehicle which displays a rearward image output of said image capture device;

a graphic overlayer superimposed on said rearward image when the gear actuator of the vehicle selects a reverse gear; and

wherein said graphic overlayer is disabled when the gear actuator of the vehicle is not in reverse gear.

82. The rearview system of claim 81 wherein said graphic overlayer includes indicia of the anticipated path of travel of the vehicle.

83. The rearview system of claim 82 wherein said indicia responds to at least one of the vehicle's steering system, the vehicle's differential system and a compass.

84. The rearview system of claim 82 wherein said indicia responds to the direction of turn of the vehicle.

85. The rearview system of claim 82 wherein said indicia comprise markings that provide indication of distance behind the vehicle.

86. The rearview system of claim 82 wherein said indicia comprise markings superimposed at intervals on said rearward image corresponding to the boundaries of the lane in which the vehicle is reversing.

87. The rearview system of claim 86 wherein said graphic overlayer is responsive to a signal indicative of the rate of turn of the vehicle.

88. The rearview system of claim 81 wherein said graphic overlayer is responsive to a signal indicative of the rate of turn of the vehicle.

89. The rearview system of claim 81 wherein said indicia comprise markings that move laterally on said rearward image, with reduced separation, to correspond to positions of a curved lane boundary and that move vertically on said rearward image to compensate for the difference between distances along a straight and curved path.

90. The rearview system of claim 81 wherein said rearview vision system includes a distance-sensing system.

91. The rearview system of claim 90 wherein said distance-sensing system is selected from the group consisting of a radar, an ultrasonic sensing, and an infrared detection distance-measuring system.

92. The rearview system of claim 81 wherein said image capture device has a field of view which is symmetrical about the longitudinal axis of the vehicle.

93. The rearview system of claim 81 wherein said image capture device comprises a pixilated imaging array.

94. The rearview system of claim 93 wherein said pixilated array comprises a CMOS imaging array.

95. The rearview system of claim 82 wherein said graphic overlayer has a form that is a function of at least one of the direction of travel and speed of the vehicle.

96. The rearview system of claim 95 wherein said indicia comprises at least one mark superimposed on said rearward image.

97. The rearview system of claim 81 wherein said rear vision system includes a monitoring device for monitoring vehicle turning.

98. The rearview system of claim 97 wherein said monitoring device comprises one of a monitor of movement of the vehicle's steering system, a monitor of an output of an electronic compass and a monitor of the vehicle's differential drive system.

99. The rearview system of claim 81 wherein said display system comprises one of a flat panel display and a cathode ray tube.

100. The rearview system of claim 81 wherein said display system comprises a flat panel display.

101. The rearview system of claim 100 wherein said flat panel display comprises one of a liquid crystal display, a plasma display and a field emission display.

102. The rearview system of claim 100 wherein said flat panel display comprises a liquid crystal display.

103. The rearview system of claim 81 wherein said display system is positioned within the field of view of the driver without obstructing the view through the windshield.

104. The rearview system of claim 81 wherein said display system is mounted to one of the dashboard, facia, header and windshield of the vehicle.

105. The rearview system of claim 81 wherein said display system is mounted at a position conventionally occupied by an interior rearview mirror.

106. The rearview system of claim 81 wherein said display system comprises a display of one of a projected and a virtual image.

107. The rearview system of claim 81 wherein said display system comprises a heads-up display.

108. The rearview system of claim 82 wherein said indicia comprises at least one mark superimposed on said rearward image.

109. The rearview system of claim 108 wherein said at least one mark superimposed on said rearward image comprises a plurality of marks superimposed on said rearward image at rearward intervals.

110. The rearview system of claim 109 wherein said plurality of marks superimposed on said rearward image are positioned to correspond to boundaries of the lane in which the vehicle is traveling.

111. The rearview system of claim 109 wherein said plurality of marks are moved laterally to correspond to positions of curved lane boundaries when the vehicle is turning.

REMARKS

The present amendment submits claims for examination. Entry of the amendment prior to calculation of the filing fee is requested.

New claims 50-111 are fully supported by the original application. Accordingly, no new matter is added.